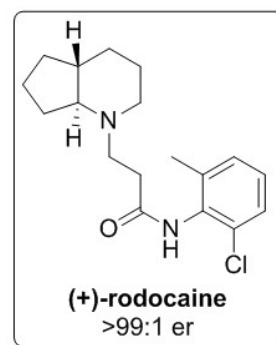
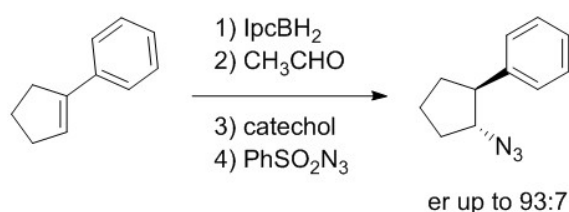


**Radical-Mediated Enantioselective Hydroazidation of Alkenes**D. Meyer<sup>1</sup>, P. Renaud<sup>1\*</sup><sup>1</sup>University of Bern

The formation of carbon-nitrogen bonds using organic azides as radical traps has attracted the attention of many different research groups. We recently described a radical procedure for the *anti*-Markovnikov hydroazidation using catecholborane as hydroboration agent followed by reaction with benzenesulfonyl azide as radical trap.[1] We developed now an enantioselective type of this reaction using isopinocampheylborane as chiral hydroboration agent.[2] This four-step-one-pot procedure includes the further conversion of the chiral alkylborane into the diethyl boronic ester,[3] transesterification to the alkylcatecholborane and final radical azidation.



In order to demonstrate the utility of the method, the first enantioselective synthesis of (+)-rodocaine was achieved.

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[3] H. C. Brown, K.-W. Kim, T. E. Cole, B. Singaram, *J. Am. Chem. Soc.* **1986**, 108, 6761.